Index to Volume XLI

Journal of Heredity, 1950

A

Aamodt, O. S., Forage Crops (Rev.), 242.
Abnormalities in Cotton, 311.
About Time Department (Exc.), 124.
Alberts, J. O., *et al.*, The "Shaker" Fowl, A Sex-Linked Semi-Lethal Nervous Disorder, 255.
Alkaptonuria in a Large American Family, 23.
Allen, N. S., *et al.*, Comparative Effects of Colchicine and Sodium Nucleate, 159.
Allium, see Plant Genetics.
American Association of Blood Banks, 42.
American Publisher for Population Genetics Book, 175.
An Appraisal of Charles Darwin's Historical Role (Rev.), Th. Dobzhansky, 40.

Animal Genetics:

Bear, Hybrid, 34.
Bees, mating systems in, 151.
Cattle: dwarfism in, 177; semi-hairless gene in, 190; recessive achrondroplasia in shorthorn, 243.
Chironomid Larva, "anal gills" of, 155.
Cocker Spaniels, inheritance of whorls in, 239.
Drosophila: chromosomes of, 156; telomeres of, 183; tumor inheritance in, 269.
Fowl: Wing Down Pattern and Sex Eminence in Chicks, 9; syndactylism in, 31; abnormal feather condition in, 143; sunsuit mutation in, 145; sex-linkage in turkey, 205; induced goiter in, 246; nervous disorder in, 255.
Frog, mitosis of erythrocytes in, 203.
Gryllid, multiple sex-chromosome mechanism in, 277.
Guppy, lordosis-mutation in, 217.
Habrobracon, Four-Point Linkage in, 71.
Horses, "Wobbles" disease, 319.
Inbreeding Coefficients, 301.
Mouse: "Lens Rupture" Gene, 3; New Color in, 35; mammary tumors in, 96; Asymmetrical Expression of New Mutation, 122; fuzziness in, 193; tail-short mutation in, 208; dwarfing gene in, 249; recurrences of mutants in, 252; Asiatic, hairless mutation in, 257; heterochromia in, 287; Ichthyosis mutant in, 297; Obese mutation in, 317.
Nematode, dwarf mutation, 103.
Rabbit, Pelger-Anomaly in, 131.
Sheep: Piebald mutation in, 39; Massachusetts Ancon, 144.
Antibiotics, Cytological effects, 227.
Archer, W. Andrew, A Story of Plant Exploration (Rev.), 290.
Ashley, Laurence M. and Robert S. Jacques, Four Generations of Ringed Hair, 82.
Asmundson, V. S., Sex-Linkage in the Turkey, 205.

B

Baker, M. L., *et al.*, Stumpy, A Recessive Achondroplasia in Shorthorn Cattle, 243.
Blood Group Symbols and Genes, P. W. Whiting, 55.
Blunn, C. T., *et al.*, Stumpy, A Recessive Achondroplasia in Shorthorn Cattle, 243.
Bohren, B. B., *et al.*, The Inheritance of "Stringy", an Abnormal Feather Condition, 143.

Books Reviewed:

Ahlgren, Gilbert H., Forage Crops, 242.
American Phil. Soc., Natural Selection and Adaptation, 110.
Darlington, C. D. and K. Mather, Elements of Genetics, 67.
Darwin, Charles, The Naturalist as a Cultural Force, 40.
Keith, Sir Arthur, A New Theory of Human Evolution, 36.
Klose, Nelson, American Crop Heritage, 290.
Lwoff, Andre, Problems of Morphogenesis in Ciliates, 222.
Mather, K., Statistical Analysis in Biology, 295.
Matthey, Robert, Les Chromosomes Des Vertebres, 95.
Moulton, Ray Forest, Editor, Symposium on Mammary Tumors in Mice, 96.
Pauli, Wolfgang F., The World of Life, 140.
Scottish Council for Research in Education, Report of, 47.
Stebbins, G. Ledyard, Jr., Evolution and Variation in Plants, 307.
Wiener, N., Cybernetics, 19.
Brandt, A. E., Statistical Analysis of Biology (Rev.), 295.
Braungart, Dale C., Mitosis of the Erythrocytes in the Circulating Blood of *Rana Pipiens*, 203.
Brink, R. A., *et al.*, The Mutagenic Action of Mustard Gas on *Zea Mays*, 232.
Brown, Meta S.: Cotton from Bikini, 115; and Margaret Y. Menzel, New Trispecies Hybrids in Cotton, 291.
Buss, E. G., *et al.*, The Inheritance of "Stringy", an Abnormal Feather Condition, 143.

C

Cal-Tech Fellowships, 7.
Carcinoma of the Gastro-Intestinal Tract, Charles M. Woolf and Eldon J. Gardner, *273*.
Carter, T. C. and Rita S. Phillips: Three Recurrences of Mutants in the House Mouse, *252*; Ichthyosis, A New Recessive Mutant, *297*.
Cattle, see Animal Genetics.
Cereals, see Plant Genetics.
Cheng, K. C. and C. Leonard Huskins, Segregation and Reduction in Somatic Tissues, 13.
Chicken, see Animal Genetics, Fowl.
Child, George P., *et al.*, Inheritance of Alkaptonuria in a Large American Family, 23.
Chromosomes of *Drosophila Willistoni*, Th. Dobzhansky, 156.
Chromosomes of Vertebrates (Rev.), L. A. Dionne, 95.
Chromosomes: 13, *26*, 43, 49, 95, 155, 156, 159, 171, 183, 199, 203, *227*, *259*, *277*, *291*.
Clayton, E. E., Male Sterile Tobacco, 171.
Clover-Leaf Tongues, David D. Whitney, 176.
Comparative Effects of Colchicine and Sodium Nucleate, N. S. Allen, *et al.*, 159.
Computing Inbreeding and Relationship Coefficients from Punched Cards, L. N. Hazel and Jay L. Lush, 301.
Condit, Ira J., An Interspecific Hybrid in *Ficus*, 165.
Cook, R. C., "Gene"—the Hybrid Bear, 34.
Cotton from Bikini, Meta S. Brown, 115.
Cotton, see Plant Genetics.
Curtis, Lawrence C. and John Scarchuk, Dimorphic Female Blossom and Fruit Types, 87.
Cybernetical Aspect of Genetics (Rev.), H. Kalmus, 19.
Cytological Basis for Sterility in Tomato Hybrids, Margaret Mann Lesley, *26*.
Cytological Effects of Some Antibiotics, G. B. Wilson, *227*.

D

Daniel, Mary, Sic Transit *Drosophila*, *323*.
Dermen, Haig, Pattern Reversal in Variegated Plants, *325*.
Dickie, Margaret M. and George W. Woolley, Fuzzy Mice, 193; *et al.*, Obese, A New Mutation in the House Mouse, 317.
Differential Photoperiod Response from an Interspecific Gene Transfer, Harold H. Smith, 199.
Dimock, W. W., "Wobbles"—An Hereditary Disease in Horses, 319.
Dimorphic Female Blossom and Fruit Types, Lawrence C. Curtis and John Scarchuk, 87.
Dionne, L. A., Chromosomes of Vertebrates (Rev.), 95.
Dobzhansky, Th.: An Appraisal of Charles Darwin's Historical Role (Rev.), 40; The Chromosomes of *Drosophila Willistoni*, 156.
Dougherty, Ellsworth C. and Victor Nigon, Dwarf Mutation in a Nematode, 103.
Drosophila, see Animal Genetics.
Duncan, Robert E. and James G. Ross, The Nucleus in Differentiation and Development, *259*.
Dwarfism, An Hereditary Defect in Beef cattle, Leslie E. Johnson, *et al.*, 177.
Dwarf Mutation in a Nematode, Victor Nigon and Ellsworth C. Dougherty, 103.

E

Effects of Atomic Bomb Radiations and X-Rays on Seeds of Cereals, Luther Smith, 125.
El-Ibiary, Hussein M. and C. S. Shaffner, A Genetic Response to Induced Goiter in Chickens, *246*.
Evolution and Variation in Plants (Rev.), Thomas W. Whitaker, 307.
Evidence of a Multiple Sex-Chromosome Mechanism in a Gryllid, S. P. Raychaudhuri and G. K. Manna, *277*.
Evolution Up to Date (Rev.), G. G. Simpson, 110.

F

Fabergé, A. C. and J. R. Singleton, A New Treatment of Genetics (Rev.), 67.
Fleure, J. H., Last One Percent (Exc.), 25.
Forage Crops (Rev.), O. S. Aamodt, 242.
Four Generations of Ringed Hair, Laurence M. Ashley and Robert S. Jacques, 82.
Four-Point Lingage as a Genetics Class Exercise, P. W. Whiting, 71.
Fowl: see Animal Genetics.
Fraser, F. Clarke and M. L. Herer, The Inheritance and Expression of the "Lens Rupture" Gene in the House Mouse, 3.
Fruit Color in Peppers, 138.
Fuzzy Mice, Margaret M. Dickie and George W. Woolley, 193.

G

Garber, E. D. and F. C. Hauth, New Mutation with Asymmetrical Expression in the Mouse, 122.
Garber, M. J., Misshapen Toes in Three Generations of the G. Family, 215.
Gardner, Eldon J. and Charles M. Woolf, Carcinoma of the Gastro-Intestinal Tract, *273*.
Garn, Stanley M. and Charles E. Hatch, Hereditary General Gingival Hyperplasia, 41.
Gates, R. Ruggles, Human Races and the Soviets, 84.
Gates, William H., World of Life (Rev.), 140.
Genes and Academician Lysenko, Hugo Iltis, 150.
"Gene"—the Hybrid Bear, R. C. Cook, 34.

Genetic Response to Induced Goiter in Chickens, Hussein M. El-Ibiary and C. S. Shaffner, 246.
Genetics Dies in China, C. C. Li, 90.
Genetics in Japan, 192.
Genetics Jubilee, 96.
Genetics News from Japan, Sajiro Makino, 38.
Gerstel, D. U. and Mary E. Riner, Self-Incompatibility Studies in Guayule, 49.
Gibson, P. B., *et al.*, The Mutagenic Action of Mustard Gas on *Zea Mays*, 232.
Grahn, D., Trend of Scottish Intelligence (Rev.), 47.
Gregory, P. W., Piebald Mutation in Sheep, 39.
Griffen, A. B. and Mary Warters, The Telomeres of *Drosophila*, 183.
"Group" Theory of Human Origins (Rev.), T. D. Stewart, 36.
Guilbert, H. R. and James F. Kidwell, A Recurrence of the Semi-Hairless Gene in Cattle, 190.

H

Hairless Mutation in Asiatic Tame Mice, S. Makino, 257.
Hall, W. Knowlton, *et al.*, Inheritance of Alkaptonuria in a Large American Family, 23.
Harshfield, G. S., *et al.*, Dwarfism, an Hereditary Defect in Beef Cattle, 177.
Hartung, Ernest W., Inheritance of a Tumor in *Drosophila melanogaster*, 269.
Hatch, Charles E. and Stanley M. Garn, Hereditary General Gingival Hyperplasia, 41.
Hauth, F. C. and E. D. Garber, New Mutation with Asymmetrical Expression in the Mouse, 122.
Hawkins, Katrine Rawls, *et al.*, Inheritance of Alkaptonuria in a Large American Family, 23.
Hazel, L. N. and Jay L. Lush, Computing Inbreeding and Relationship Coefficients from Punched Cards, 301.
Hereditary General Gingival Hyperplasia, Stanley M. Garn and Charles E. Hatch, 41.
Herer, M. L. and F. Clarke Frazer, The Inheritance and Expression of the "Lens Rupture" Gene in the House Mouse, 3.
Heritable Abnormalities in Cotton and Their Segregation Ratios, Homer C. McNamara and Dow D. Porter, 311.
Heterochromia in Peromyscus, R. R. Huestis and Ruth Willoughby, 287.
Huestis, R. R. and Ruth Willoughby, Heterochromia in Peromyscus, 287.

Human Genetics, Eugenics, etc.:

Alkaptonuria, 23.
Blood Groups, 55.
Carcinoma of the Gastro-Intestinal Tract, 273.
Diabetes and Taste-Blindness, 306.
Gingival Hyperplasia, 41.
Hair, ringed, 82.
Lentigo, 79.
Man with a tail, 247.
Otosclerosis, new pedigree of, 258.
Pelger-Anomaly, 131.
Sinus, congential auricular, 219.
Toes, misshapen, 215.
Tongue-wisting, clover-leaf, 176.
Twins: identification through reciprocal skin homografts, 164; spondylitis in, 283.
Human Races and the Soviets, R. Ruggles Gates, 84.
Huskins, C. Leonard and K. C. Cheng, Segregation and Reduction in Somatic Tissues, 13.
Hutt, F. B. and J. Long, Sunsuit, A Mutation Reducing Plumage in the Fowl, 145.
Hybrid Bear, 34.
Hybrids in Cotton, 291.

I

Ichtyosis, a New Recessive Mutant in the House Mouse, T. C. Carter and Rita S. Phillips, 297.
Iltis, Hugo, The Genes and Academician Lysenko, 150.
Inbreeding Coefficients, 301.
Ingalls, Ann M., *et al.*, Obese, A New Mutation in the House Mouse, 317.
Inheritance and Expression of the "Lens Rupture" Gene in the House Mouse, F. Clarke Fraser and M. L. Herer, 3.
Inheritance of Alkaptonuria in a Large American Family, W. Knowlton Hall, *et al.*, 23.
Inheritance of a Tumor in *Drosophila melanogaster*, Ernest W. Hartung, 269.
Inheritance of Brown and Green Mature Fruit Color in Peppers, Paul G. Smith, 138.
Inheritance of Flecked and Mark in *Nemesia strumosa*, Herbert Parkes Riley, 43.
Inheritance of "Stringy," an Abnormal Feather Condition, E. G. Buss, *et al.*, 143.
Inheritance of Whorls in Cocker Spaniels, Terry Pullig, 239.
Interspecific Hybrid in *Ficus*, Ira J. Condit 165.

J

Jacques, Robert S. and Laurence M. Ashley, Four Generations of Ringed Hair, 82.
Johnson, Leslie E., *et al.*, Dwarfism, An Hereditary Defect in Beef Cattle, 177.

K

Kalmus, H. Cybernetical Aspect of Genetics (Rev.), 19.
Kidwell, James F. and H. R. Guilbert, A Recurrence of the Semi-Hairless Gene in Cattle, 190.
Kinetosome in Cytoplasmic Hereditary (Rev.), T. M. Sonneborn, 222.
King, J. W. B., Pygmy, A Dwarfing Gene in the House Mouse, 249.
Komai, Taku, Photograph of a Man with a Tail, 247

Kosin, I. L., A Relationship Between the Wing Down Pattern and Sex Eminence in New Hampshire Chicks, 9.

L

Landauer, Walter, Massachusetts Ancon Sheep, 144.
Large "Anal Gill" Chromosomes of a Chironomid Larva, Miriam Pennypacker, 155.
Last One Percent, J. H. Fleure, (Exc.), 25.
"Lens Rupture" Gene in the House Mouse, 3.
Lesley, Margaret Mann, Cytological Basis for Sterility in Tomato Hybrids, 26.
Li, C. C., Genetics Dies in China, 90.
"Light"—A New Mouse Color, E. C. MacDowell, 35.
Long, J. and F. B. Hutt, Sunsuit, A Mutation Reducing Plumage in the Fowl, 145.
Lordosis, A Mutation in the Guppy, Harold L. Rosenthal and Rose S. Rosenthal, 217.
Lush, Jay L.: *et al.*, Mating Systems in Honey Bees, 151; and L. N. Hazel, Computing Inbreeding and Relationship Coefficients from Punched Cards, 301.
Lysenko, see Soviet Genetics.

M

MacDowell, E. C., "Light"—A New Mouse Color, 35.
Maize, see Plant Genetics.
Makino, Sajiro: Genetics News from Japan, 38; A Hairless Mutation in Asiatic Tame Mice, 257.
Makro and the Mikro—Or Is It?, 290.
Male Sterile Tobacco, E. E. Clayton, 171.
Mammary Tumors in Mice (Rev.), George W. Woolley, 96.
Manna, G. K. and S. P. Raychaudhuri, Evidence of a Multible Sex-Chromosome Mechanism in a Gryllid, 277.
Marcus Claude Terry, 1871-1950 (Obit.), Edwin W. Schultz, 307.
Massachusetts Ancon Sheep, Walter Landauer, 144.
Mating Systems in Honey Bees, Martin S. Polhemus, *et al.*, 151.
McCone, William, *et al.*, Dwarfism, an Hereditary Defect in Beef Cattle, 177.
McNamara, Homer C. and Dow D. Porter, Heritable Abnormalities in Cotton and Their Segregation Ratios, 311.
Meiosis in Maize, M. M. Rhoades, 59.
"Mentor" and the Atom, 112.
Menzel, Margaret Y. and Meta S. Brown, New Thispecies Hybrids in Cotton, 291.
Micro-Chemical Plant Breeding, (Exc.), 163.
Misshapen Toes in Three Generations of the G. Family, M. J. Garber, 215.
Mitosis of the Erythrocytes in the Circulating Blood of *Rana Pipiens*, Dale C. Braungart, 203.
Monie, I. W., Three Pedigrees of Congential Auricular Sinus, 219.
Morgan, D. T. Jr., and R. D. Rappleye, Twin and Triplet Pepper Seedlings, 91.
Morgan, Walter C., A New Tail-Short Mutation in the Mouse, 208.
Morrill, C. C., *et al.*, The "Shaker" Fowl, A Sex-Linked Semi-Lethal Nervous Disorder 255.
Mouse, see Animal Genetics.
Mutagenic Action of Mustard Gas on *Zea Mays*, P. B. Gibson, *et al.*, 232.

N

Nachtsheim, Hans, The Pelger-Anomaly in Man and Rabbit, 131.
New Institute of Genetics, 286.
New Mutation with Asymmetrical Expression in the Mouse, E. D. Garber and F. C. Hauth, 122.
New Pedigree of Otosclerosis, (Exc.), 258.
New Tail-Short Mutation in the Mouse, Walter C. Morgan, 208.
New Treatment of Genetics (Rev.), A. C. Fabergé and J. R. Singleton, 67.
New Trispecies Hybrids in Cotton, Meta S. Brown and Margaret Y. Menzel, 291.
Nigon, Victor and Ellsworth C. Dougherty, Dwarf Mutation in a Nematode, 103.
Nucleus in Differentiation and Development, Robert E. Duncan and James G. Ross, 259.
Nunemaker, John C. and F. E. Stephens, Spondylitis in Identical Twins Reared Apart, 283.

O

Obese, A New Mutation in the House Mouse, Ann M. Ingalls, *et al.*, 317.
Oloufa, M. M., *et al.*, Stumpy, A Recessive Achondroplasia in Shorthorn Cattle, 243.

P

Pattern Reversal in Variegated Plants, Haig Dermen, 325.
Pedigree of Generalized Lentigo, Alan C. Pipkin and Sarah Bedichek Pipkin, 79.
Pelger-Anomaly in Man and Rabbit, Hans Nachtsheim, 131.
Pennypacker, Miriam, Large "Anal Gill" Chromosomes of a Chironomid Larva, 155.
Pepper: See Plant Genetics.
Phillips, Rita S. and T. C. Carter: Three Recurrences of Mutants in the House Mouse, 252; Ichthyosis, a New Recessive Mutant, 297.
Photograph of a Man with a Tail, Taku Komai, 247.
Piebald Mutation in Sheep, P. W. Gregory, 39.
Pipkin, Sarah Bedichek and Alan C., A Pedigree of Generalized Lentigo, 79.

Plant Genetics:

Allium: segregation and reduction in, 13; effects of clochicine and sodium nucleate, 159; cytological effects of antibiotics on, 227.
Cereals: resuscitation by X-ray, 97; effects of X-rays on seeds of, 125.
Cotton: irregularities from gamma radiation, 115; trispecies hybrids in, 291; segregation ratios in, 311.
Cucurbita pepo, dimorphic female blossom, 87.
Ficus, interspecific hybrid in, 165.
Guayule, Self-Incompatibility studies in, 49;
Maize: Meiosis in, 59; effect of Mustard Gas on pollen of *Zea Mays,* 232; endosperm nuclei, 259.
Oak: Record of Introgression, 315.
Nemesia strumosa, Inheritance of flecked and marked in, 43.
Peppers: twin and triplet seedlings in, 91; inheritance of fruit color in, 138.
Plant breeding, micro-chemical, 163.
Poinsettia, variegation in, 325.
Tobacco: sterility in, 171; photoperiod response in, 199.
Tomato, Cytological Basis for Sterility in Hybrids, 26.
Tradescantia, effects of colchicine and sodium nucleate, 159.
Variegated leaves, 325.
Zea Mays, See Maize, above.
Polhemus, Martin S., *et al.,* Mating Systems in Honey Bees, 151.
Porter, Dow D. and Homer C. McNamara, Heritable Abnormalities in Cotton and Their Segregation Ratios, 311.
Possible Early Eighteenth Century Record of Introgression in Oaks, Conway Zirkle, 315.
Powell, S., *et al.,* Comparative Effects of Colchicine and Sodium Nucleate, 159.
Pullig, Terry, Inheritance of Whorls in Cocker Spaniels, 239.
Pygmy, A Dwarfing Gene in the House Mouse, J. W. B. King, 249.

R

Rappleye, R. D. and D. T. Morgan, Jr., Twin and Triplet Pepper Seedlings, 91.
Raychaudhuri, S. P. and G. K. Manna, Evidence of a Multiple Sex-Chromosome Mechanism in a Gryllid, 277.
Recessive Achondroplasia in Shorthorn Cattle, 243.
Reciprocal Skin Homografts Identify Exchanged Identical Twins, (Exc.), 164.
Recurrence of the Semi-Hairless Gene in Cattle, James F. Kidwell and H. R. Guilbert, 190.
Reduction in Somatic Tissues, 13.
Relationship Between the Wing Down Pattern and Sex Eminence in New Hampshire Chicks, I. L. Kosin, 9.
Research Facilities for Guest Investigators, 48.
Resuscitation of Heat-Inactivated Seeds by X-Radiation, S. R. Suskind, 97.
Rhoades, M. M., Meiosis in Maise, 59.
Riley, Herbert Parkes, Inheritance of Flecked and Mark in *Nemesia strumosa,* 43.
Riner, Mary E. and D. U. Gerstel, Self-Incompatibility Studies in Guayule, 49.
Roberts, Elmer, *et al.,* The "Shaker" Fowl, A Sex-Linked Semi-Lethal Nervous Disorder, 255.
Rosenthal, Harold L. and Rose S. Rosenthal, Lordosis, A Mutation in the Guppy, 217.
Ross, James G. and Robert E. Duncan, The Nucleus in Differentiation and Development, 259.
Rothenbuhler, Walter C., *et al.,* Mating Systems in Honey Bees, 151.

S

Scarchuk, John and Lawrence C. Curtis, Dimorphic Female Blossom and Fruit Types, 87.
Schultz, Edwin W., Marcus Claude Terry, (Obit.), 307.
Scott, H. M., *et al.,* The "Shaker" Fowl, A Sex-Linked Semi-Lethal Nervous Disorder, 255.
Segregation and Reduction in Somatic Tissues, C. Leonard Huskins and K. C. Cheng, 13.
Self-Incompatibility Studies in Guayule, D. R. Gerstel and Mary E. Riner, 49.
Sex-Linkage in the Turkey, V. S. Asmundson, 205.
Shaffner, C. S. and Hussein M. El-Ibiary, A Genetic Response to Induced Goiter in Chickens, 246.
"Shaker" Fowl, A Sex-Linked Semi-Lethal Nervous Disorder, H. M. Scott, *et al.,* 255.
Sheep, See Animal Genetics.
Sic Transit *Drosophila,* Mary Daniel, 323.
Simpson, Evolution up to Date (Rev.), 110.
Singleton, J. R. and A. C. Fabergé, A New Treatment of Genetics (Rev.), 67.
Smith, Harold H., Differential Photoperiod Response from an Interspecific Gene Transfer, 199.
Smith, Luther, Effects of Atomic Bomb Radiations and X-Rays on Seeds of Cereals, 125.
Smith, Paul G., Inheritance of Brown and Green Mature Fruit Color in Peppers, 138.
Snell, G. D., *et al.,* Obese, A New Mutation in the House Mouse, 317.
Somatic Chromosomes of *Allium* and *Tradescantia,* 159.
Somatic Tissues, Segregation and Reduction in, 13.
Sonneborn, T. M., The Kinetosome in Cytoplasmic Heredity (Rev.), 222.

Soviet Genetics:

Human Races and Soviets, 84; Genetics Dies in China, 90; "The Mentor" and the Atom, 112; The Genes and Academician Lysenko, 150.
Spondylitis in Identical Twins Reared Apart, F. E. Stephens and John C. Nunemaker, 283.
Stahmann, M. A., *et al.*, The Mutagenic Action of Mustard Gas on *Zea Mays*, 232.
Statistical Analysis of Biology (Rev.), A. E. Brandt, 295.
Stephens, F. E. and John C. Nunemaker, Spondylitis in Identical Twins Reared Apart, 283.
Stewart, T. D., "Group" Theory of Human Origins (Rev.), 36.
Story of Plant Exploration (Rev.), W. Andrew Archer, 290.
Stumpy, a Recessive Achondroplasia in Shorthorn Cattle, M. L. Baker, *et al.*, 243.
Sunsuit, A Mutation Reducing Plumage in the Fowl, F. B. Hutt and J. Long, 145.
Suskind, S. R., Resuscitation of Heat-Inactivated Seeds by X-Radiation, 97.
Syndactylism in the Chicken, D. C. Warren, 31.

T

Taste-Blindness and Diabetes in the Colored Population of Jamaica, M. C. Terry, 306.
Telomeres of *Drosophila*, Mary Warters and A. B. Griffen, 183.
Terry, M. C., Taste-Blindness and Diabetes in the Colored Population of Jamaica, 306.
Three Pedigrees of Congenital Auricular Sinus, I. W. Monie, 219.
Three Recurrences of Mutants in the House Mouse, T. C. Carter and Rita S. Phillips, 252.
Tobacco, see Plant Genetics.
Tomato Genetics Cooperative, 300.
Tradescantia and *Allium*, see Plant Genetics.
Trend of Scottish Intelligence (Rev.), D. Grahn, 47.
Twin and Triplet Pepper Seedlings, D. T. Morgan, Jr. and R. D. Rappleye, 91.
Twins, see Human Genetics.

W

Warren, D. C.: Syndactylism in the Chicken, 31; *et al.*, The Inheritance of "Stringy," an Abnormal Feather Condition, 143.
Warters, Mary and A. B. Griffen, the Telomeres of *Drosophila*, 183.
Whitaker, Thomas W., Evolution and Variation in Plants (Rev.), 307.
Whiting, P. W.: Blood Group Symbols and Genes, 55; Four-Point Linkage as a Genetics Class Exercise, 71.
Whitney, David D., Clover-Leaf Tongues, 176.
Willoughby, Ruth and R. R. Huestis, Heterochromia, in Peromyscus, 287.
Wilson, G. B.: *et al.*, Comparative Effects of Colchicine and Sodium Nucleate, 159; Cytological Effects of Some Antibiotics, 227.
"Wobbles"—An Hereditary Disease in Horses, W. W. Dimock, 319.
Woolf, Charles M. and Eldon J. Gardner, Carcinoma of the Gastro-Intestinal Tract, 273.
Woolley, George W.: Mammary Tumors in Mice (Rev.), 96; and Margaret M. Dickie, Fuzzy Mice, 193.
World of Life (Rev.), William H. Gates, 140.

Z

Zirkle, Conway, Possible Early Eighteenth Century Record of Introgression in Oaks, 315.